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7	1	(("20030016707").PN.) and (dispersion)	USPAT; US-PGPUB	2003/10/28 13:59
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11	3	("3365539" | "5124994" | "5283845").PN.	USPAT	2003/10/28 14:00
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14	0	6487342.URPN.	USPAT	2003/10/28 14:06
15	3	("3365539" | "5124994" | "5283845").PN.	USPAT	2003/10/28 14:06
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17	7	("5023947" | "5557468" | "6304696" | "6316153" | "6321005" | "6356684" | "6404956" | "2002/0006648" | "2002/0102052").PN.	USPAT	2003/10/28 14:07
18	0	6584249.URPN.	USPAT	2003/10/28 14:07
19	5	("5557468" | "6125220" | "6222958" | "6252716" | "6289151").PN.	USPAT	2003/10/28 14:07
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22	114	(etalon) and (dispersion near2 (compensate or compensating or compensates or compensated or compensation or compensator or compensators))	USPAT	2003/10/28 14:32
25	0	(etalon) and (dispersion near2 (compensate or compensating or compensates or compensated or compensation or compensator or compensators))	USOCR	2003/10/28 14:10
23	78	(etalon) and (dispersion near2 (compensate or compensating or compensates or compensated or compensation or compensator or compensators))	US-PGPUB	2003/10/28 14:10
24	18	(etalon) and (dispersion near2 (compensate or compensating or compensates or compensated or compensation or compensator or compensators))	EPO; JPO; DERWENT; IBM_TDB	2003/10/28 14:11
26	4	(("20010021053") or ("6519065") or ("6426830") or ("6584249") or ("6487342") or ("20020181106") or ("20030053214")).PN.	USPAT	2003/10/28 14:33
27	7	(("20010021053") or ("6519065") or ("6426830") or ("6584249") or ("6487342") or ("20020181106") or ("20030053214")).PN.	USPAT; US-PGPUB	2003/10/28 14:34
28	6	(("20010021053") or ("6519065") or ("6426830") or ("6584249") or ("6487342") or ("20020181106") or ("20030053214")).PN.) and index	USPAT; US-PGPUB	2003/10/28 14:42
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32	43	(etalons) and (dispersion near2 (compensate or compensating or compensates or compensated or compensation))	USPAT	2003/10/28 14:44

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36	1	("20020180981").PN.	USPAT; US-PGPUB	2003/10/28 14:46
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39	13	((tune or tuned or tuning or tunes or tunable) near2 (etalon or etalons)) with index	USPAT	2003/10/28 14:50
40	19	((tune or tuned or tuning or tunes or tunable) near2 (etalon or etalons)) with index	USPAT	2003/10/28 14:50
42	1	moss.in. and lamont.in.	USPAT; US-PGPUB	2003/10/28 15:06
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-	0	((tunable or tunes or tune or tuning or tuned) near2 (etalon or etalons)) and (((partial or partially) near2 (reflector or reflectors or reflective or reflecting)) with ((vary or varied or varies or varying or variable) near2 (index or indices or refraction)))	JPO	2003/09/23 17:43
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-	1	((tunable or tunes or tune or tuning or tuned) near2 (etalon or etalons)) and (((partial or partially) near2 (reflector or reflectors or reflective or reflecting)) with ((vary or varied or varies or varying or variable) near2 (index or indices or refraction)))	US-PGPUB	2003/10/22 13:48
-	1	((tunable or tunes or tune or tuning or tuned) near2 (etalon or etalons)) and (((partial or partially) near2 (reflector or reflectors or reflective or reflecting)) with ((vary or varied or varies or varying or variable) near2 (index or indices or refraction)))	DERWENT	2003/09/23 17:43
-	2	((tunable or tunes or tune or tuning or tuned) near2 (etalon or etalons)) and (((partial or partially) near2 (reflector or reflectors or reflective or reflecting)) with ((vary or varied or varies or varying or variable) near2 (index or indices or refraction)))	EPO; JPO; DERWENT; IBM_TDB	2003/10/22 13:48

	#	Query	Database	Date/Time
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-	48	((tunable or tunes or tune or tuning or tuned) near2 (etalon or etalons)) and ((partial or partially) near2 (reflector or reflectors or reflective or reflecting)) and ((vary or varied or varies or varying or variable) near2 (index or indices or refraction))	USPAT	2003/09/23 17:44
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-	4	McDonald.in. and Rice.in.	USPAT; US-PGPUB	2003/10/22 13:40
-	1	((tunable or tunes or tune or tuning or tuned) near2 (etalon or etalons)) and ((partial or partially) near2 (reflector or reflectors or reflective or reflecting)) with ((vary or varied or varies or varying or variable) near2 (index or indices or refraction)))	USPAT; US-PGPUB	2003/10/22 13:47
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-	2	((tunable or tunes or tune or tuning or tuned) near2 (etalon or etalons)) and ((partial or partially) near2 (reflector or reflectors or reflective or reflecting)) and ((vary or varied or varies or varying or variable) near2 (index or indices or refraction)))	EPO; JPO; DERWENT; IBM_TDB	2003/10/22 13:48
-	62	((tunable or tunes or tune or tuning or tuned) near2 (etalon or etalons)) and ((partial or partially) near2 (reflector or reflectors or reflective or reflecting)) and ((vary or varied or varies or varying or variable) near2 (index or indices or refraction))	USPAT; US-PGPUB	2003/10/22 13:48
-	17	((tunable or tunes or tune or tuning or tuned) near2 (etalon or etalons)) and ((partial or partially) near2 (reflector or reflectors or reflective or reflecting)) and ((vary or varied or varies or varying or variable) near2 (index or indices or refraction))) and @pd>20020923	USPAT; US-PGPUB	2003/10/22 13:49
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-	4	((dispersion) near2 (compensation or compensates or compensate or compensated or compensating)) with ((etalon) near2 (tune or tunes or tuned or tuning or tunable))	USPAT	2003/10/22 14:20
-	22	((chromatic adj dispersion) with (compensation or compensates or compensate or compensated or compensating) and (etalon))	USPAT	2003/10/22 13:58
-	7	"5023947"	"5557468"	"6304696"	"6316153"	"2002/0006648"	"6356684" ; "6404956"	"2002/0006648"	"2002/0102052").PN.	USPAT	2003/10/22 13:58
-	3	"3365539"	"5124994"	"5283845").PN.	USPAT	2003/10/22 14:00
-	2	"5173908"	"5559816").PN.	USPAT	2003/10/22 14:01
-	0	6584249.URPN.	USPAT	2003/10/22 14:02
-	7	"5023947"	"5557468"	"6304696"	"6316153"	"6321005"	"6356684"	"6404956"	"2002/0006648"	"2002/0102052").PN.	USPAT	2003/10/22 14:02
-	14	5557468.URPN.	USPAT	2003/10/22 14:02
-	4278	((385/1) or (385/2) or (385/3) or (385/15) or (385/24) or (385/31) or (385/39) or (385/47)).CCLS.	USPAT	2003/10/22 14:21

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402	((359/237) or (359/238) or (359/260)).CCLS.	USPAT	2003/10/22 14:21
32	((395/52) or (398/53)).CCLS.	USPAT	2003/10/22 14:21
114	(((385/1) or (385/2) or (385/3) or (385/15) or (385/24) or (385/31) or (385/39) or (385/47)).CCLS.) and (etalon or etalons)	USPAT	2003/10/22 14:20
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108	((359/237) or (359/238) or (359/260)).CCLS.	US-PGPUB	2003/10/22 14:21
3	((395/52) or (398/53)).CCLS.	US-PGPUB	2003/10/22 14:21
76	(((385/1) or (385/2) or (385/3) or (385/15) or (385/24) or (385/31) or (385/39) or (385/47)).CCLS.) or (((359/237) or (359/238) or (359/260)).CCLS.) or (((395/52) or (398/53)).CCLS.)) and (etalon or etalons)	US-PGPUB	2003/10/22 14:33
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8	(((tunable or tunes or tuned or tuning or tunes) near3 (etalon or etalons)) same (index)) and (dispersion near2 (compensate or compensates or compensated or compensation or compensating or correct or corrects or correction or correcting or corrected))	US-PGPUB	2003/10/22 14:38
19	(etalon or etalons) and (dispersion near2 (compensate or compensates or compensated or compensation or compensating or correct or corrects or correction or correcting or corrected))	EPO; JPO; DERWENT; IBM_TDB	2003/10/22 14:38
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1	colbourne.in. and fu.in.	USPAT	2003/10/22 16:48
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2	"2001021053"	USPAT; US-PGPUB	2003/10/22 17:22
1	"2001021053" and (index)	USPAT; US-PGPUB	2003/10/22 17:23

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1 **A compensation method for dispersion-induced third-order
intermodulation distortion using an etalon**
Kaneko, S.; Adachi, A.; Yamashita, J.; Watanabe, H.;
Lightwave Technology, Journal of , Volume: 14 Issue: 12 , Dec. 1996
Page(s): 2786 -2792

[Abstract] [PDF Full-Text (660 KB)] **IEEE JNL**

---

2 **Tunable dispersion compensator based on distributed
Gires-Tournois etalons**
*Xuewen Shu; Sugden, K.; Rhead, P.; Mitchell, J.; Felmeri, I.; Lloyd,
G.; Byron, K.; Zhijian Huang; Khrushchev, I.; Bennion, I.;*
Photonics Technology Letters, IEEE , Volume: 15 Issue: 8 , Aug. 2003

Page(s): 1111 -1113

[Abstract] [PDF Full-Text (247 KB)] **IEEE JNL**

---

3 **Multichannel tunable dispersion compensation using
all-pass multicavity etalons**
*Moss, D.J.; McLaughlin, S.; Randall, G.; Lamont, M.; Ardekani, M.;
Colbourne, P.; Kiran, S.; Hulse, C.A.;*
Optical Fiber Communication Conference and Exhibit, 2002. OFC
2002 , 17-22 March 2002
Page(s): 132 -133

[Abstract] [PDF Full-Text (270 KB)] **IEEE CNF**

4 Tunable dispersion compensati n at 40-Gb/s using a multicavity etalon all-pass filter with NRZ, RZ, and CS-RZ modulation

Lunardi, L.M.; Moss, D.J.; Chandrasekhar, S.; Buhl, L.L.; Lamont, M.; McLaughlin, S.; Randall, G.; Colbourne, P.; Kiran, S.; Hulse, C.A.;

Lightwave Technology, Journal of , Volume: 20 Issue: 12 , Dec. 2002
Page(s): 2136 -2144

[Abstract]   [PDF Full-Text (673 KB)] **IEEE JNL**

5 Tunable dispersion and dispersion slope compensators for 10 Gb/s using all-pass multicavity etalons

Moss, D.J.; Lamont, M.; McLaughlin, S.; Randall, G.; Colbourne, P.; Kiran, S.; Hulse, C.A.;

All-Optical Networking: Existing and Emerging Architecture and Applications/Dynamic Enablers of Next-Generation Optical Communications Systems/Fast Optical Processing in Optical Transmission/VCSEL and Microcavity Lasers. 2002 IEEE/LEOS Summer Topi , 15-17 July 2002
Page(s): TuJ3-31 -TuJ3-32

[Abstract]   [PDF Full-Text (246 KB)] **IEEE CNF**

6 Intracavity spectral shaping in external cavity mode-locked semiconductor diode lasers

Delfyett, P.J.; Shi, H.; Gee, S.; Barty, C.P.J.; Alphonse, G.; Connolly, J.;

Selected Topics in Quantum Electronics, IEEE Journal on , Volume: 4 Issue: 2 , March-April 1998
Page(s): 216 -223

[Abstract]   [PDF Full-Text (160 KB)] **IEEE JNL**

7 Tunable dispersion and dispersion slope compensators for 10 Gb/s using all-pass multicavity etalons

Moss, D.J.; Lamont, M.; McLaughlin, S.; Randall, G.; Colbourne, P.; Kiran, S.; Hulse, C.A.;

Photonics Technology Letters, IEEE , Volume: 15 Issue: 5 , May 2003
Page(s): 730 -732

[Abstract]   [PDF Full-Text (270 KB)] **IEEE JNL**

8 Novel adaptive scheme for acousto-optic gain equalization and ultrabroadband amplification

Rupp, T.; Schenkel, B.; Hauri, C.P.; Steinmeyer, G.; Keller, U.;

Lasers and Electro-Optics, 2001. CLEO '01. Technical Digest.

Summaries of papers presented at the Conference on , 6-11 May 2001
Page(s): 75

[Abstract] [PDF Full-Text (120 KB)] **IEEE CNF**

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1 **Optical pumping injection cavity (OPIC) for high-efficiency mid-IR “W” lasers**
Felix, C.L.; Bewley, W.W.; Vurgaftman, I.; Olafsen, L.J.; Stokes, D.W.; Meyer, J.R.; Yang, M.J.;
Lasers and Electro-Optics Society 1999 12th Annual Meeting. LEOS '99. IEEE , Volume: 2 , 8-11 Nov. 1999
Page(s): 603 -604 vol.2

[Abstract]   [PDF Full-Text (164 KB)] **IEEE CNF**

2 **Influence of coupled cavities on the characteristics of asymmetric Fabry-Perot modulators**
Law, K.-K.;
Lasers and Electro-Optics Society Annual Meeting, 1994. LEOS '94 Conference Proceedings. IEEE , Volume: 1 , 31 Oct.-3 Nov. 1994
Page(s): 83 vol.1

[Abstract]   [PDF Full-Text (96 KB)] **IEEE CNF**

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